

PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Rainer KUTH

Serial No. (unknown)

Filed herewith

DEVICE FOR AUTOMATICALLY
SORTING PERIODIC DATA RECORDS

PRELIMINARY AMENDMENT

Commissioner for Patents

Washington, D.C. 20231

Sir:

Prior to calculation of the filing fee, please
amend the above-identified application as follows:

IN THE CLAIMS:

Cancel claims 1-6.

Add the following new claims:

--7. (new) A device for automatically sorting
periodic data records, in particular for representing the
motion of parts in the human body from individual images,
characterized in that an examination monitor with a storage
device for the data records is assigned a measuring and
evaluation device which measures in the data records two
separate points or a line of the moving part and, on the

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basis of their changes in distance or phase shifts, sorts the data records into a cyclic sequence.--

--8. (new) The device as claimed in claim 1, characterized in that the cyclically ordered data records are combined to form a film.--

--9. (new) The device as claimed in claim 1 or 2, characterized in that the waveform on which the periodicity is based can be prescribed by an input device.--

--10. (new) The device as claimed in claim 3, characterized in that the waveforms comprise triangles, rectangles or sinusoidal curves.--

--11. (new) The device as claimed in one of claims 1 to 4, characterized in that the data records are images recorded stroboscopically without defined frequency and phase relationships.--

--12. (new) The device as claimed in one of claims 1 to 4, characterized in that the data records are individual images of X-ray pictures or of MR pictures.--

R E M A R K S

Attached hereto is a marked-up version of the changes made to the claims by the current amendment. The attached page is captioned "VERSION WITH MARKINGS TO SHOW CHANGES MADE".

Respectfully submitted,

YOUNG & THOMPSON

By



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